

LISTING OF THE CLAIMS

1. (currently amended) A stent comprising:
a stent member;~~and~~
a release layer, wherein the stent member is coated with the release layer;
and
an insoluble fibrous component, wherein the insoluble fibrous component is ~~sufficiently loosely~~ wrapped around the ~~stent to allow the component to deform in a manner that forms a reinforcing thrombus plug~~ stent, and wherein the insoluble fibrous component is able to form a reinforcing thrombus plug upon degradation of the release layer.
2. (original) The stent of claim 1, wherein the insoluble fibrous component comprises at least one nanofiber.
3. (currently amended) The stent of claim 1, wherein the insoluble fibrous component comprises a compound selected from ~~the group consisting of~~ poly(caprolactone), polyethylene terephthalate, fibrinogen, polyolefins, polyethylene, polypropylene, linear poly(ethylenimine), cellulose acetate, grafted cellulose, poly (L-lactic acid), poly (ethyleneoxide), poly (hydroxyethylmethacrylate), poly (glycolic acid), poly vinylpyrrolidone, polyethylene glycol, polyethylene oxazoline, polyester, polyacrylic acid, polyacrylic acid esters, polyphosphazines, polycyanoacrylate, polyvinyl amines, polyethylene imines, polyethylene amines, polyacrylamides, cellulose, polyorthoesters, polyanhydrides, polyketals, polyacetals, polyureas, and polycarbonate.
4. (original) The stent of claim 1, wherein the insoluble fibrous component comprises a thrombogenic material that initiates the formation of a thrombus.

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5. (currently amended) The stent of claim 4, wherein the thrombogenic material at least partially blocks the entrance to a structure selected from ~~the group consisting of~~ an aneurysm, a fistula, and an opening in a blood vessel wall.

Claims 6 through 15, cancelled.

16. (currently amended) A method for using the stent of claim 1, the method comprising the step of implanting the stent in a living organism.

Claims 17 through 42, cancelled.